EMINENT

EM8037
Wi-Fi Powerline Adapter Starter Kit

en

Manual

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EM8037 - Wifi Powerline Adapter Starter Kit

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1.0 Introduction

Congratulations with the purchase of this high-quality Eminent product! This product has undergone extensive testing by Eminent's technical experts. Should you experience any problems with this product, you are covered by a five-year Eminent warranty. Please keep this manual and the receipt in a safe place.

Register your product now on www.eminent-online.com and receive product updates!

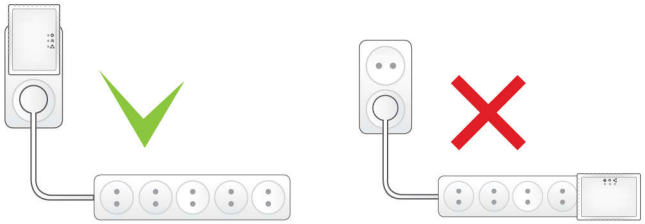
1.1 Packing contents

The following parts need to be present in the packing of the EM8037:

- 1 EM8036 Wi-Fi Powerline
- 1 EM8030 Powerline adapter
- 2 UTP network cable
- 1 CD-ROM

2.0 Connecting the Powerline Adapters

Note: For the best performance, connect the powerline adapters directly to the mains. Don't connect them to an extension cable or a power strip.



Note: Please make sure the ON/OFF switch on the right side of the adapter is in the upper position, so the EM8036 is switched ON.

If you want to share the current internet connection with other computers, or if you want to create your own network, you need to connect the EM8030 powerline adapter to a free LAN port of your (modem)router. Use the following steps to connect a powerline adapter to your (modem)router:

1. Take the powerline adapter out of the packing.
2. Connect the supplied network cable to a free LAN connection of your (modem)router.
3. Connect the supplied network cable to the LAN connection of the powerline adapter.
4. Connect the powerline adapter to a wall outlet.

Before you continue with the next steps, please write down the password of your WiFi powerline adapter. You can find this password on the bottom label at "WiFi PWD".
My WiFi password is :……

Now the EM8030 powerline adapter is connected to your (modem)router, you can connect the EM8036 WiFi powerline adapter to a wall outlet. The WiFi powerline adapter will automatically connect to the EM8030 powerline adapter.

To make a wireless connection with the WiFi powerline adapter, please select the "Eminent_Wifi" wireless network. You will be asked to enter a password. Please fill out the password you have wrote down above.

Note: You can connect a maximum of 16 Powerline adapters in your network.

2.1 Connect by WPS

Please follow the steps below to connect your device to the WiFi powerline adapter by WPS:

1. Press the WPS button on your device (please check you devices user manual)
2. Press the WPS button of the WiFi powerline adapter for about 1 second
3. Both devices will start to setup the connection. This will take about 1 minute.

3.0 Using the software

As soon as the powerline devices haven been connected correctly, a network connection will be established automatically. It is possible to secure the powerline network. In order to secure the network, the powerline software needs to be installed.

3.1 Installing the software

1. Take the supplied CD-ROM out of the packing.
2. Insert the CD-ROM in your computer's CD-ROM or DVD-player.
3. The CD-ROM will start automatically.
4. Follow the steps on your screen to install the software.

3.2 Securing your network using the software

After installing the software, an icon on your desktop has been added. This icon is named ‘PLC Utility’.

Double-click this icon to open the powerline software. When the software has been opened, the screen is divided in two parts: The upper part shows information about the powerline adapter which is connected directly to this computer (local MAC). The lower part shows information about other powerline adapters which are present in the same network and have the (default) name ‘Remote’.

Note: If you want to secure powerline adapters which are not directly connected to your computer, you need to use the so called ‘Password’ or ‘Device ID key’ which is present on the sticker at the bottom of the powerline adapter. You do not have to use this key to secure the adapter which is directly connected to your computer.

Use the following steps the secure the powerline adapters:

1. In the bottom field of the ‘PLC Utility’ you can choose a Powerline adapter from the list, where no value is set in the ‘Password’ column.
2. Click ‘Enter Password’.
3. Fill out the ‘Password’ or ‘Device ID’, and click ‘OK’. The ‘Password’ or ‘Device ID’ can be found on the sticker of the Powerline. An example of this key is ‘XK8Y-GH36-BR1K-LSZA’.
4. Repeat steps 1 to 3 for all Powerline adapters, until all adapters are shown in the bottom list with a password in the ‘Password’ column.
5. Enter a made-up and secret network name in the ‘Network Name’ field.
6. Click ‘Set all remote devices whose Password has been entered. And “Set local device’.
7. Click ‘OK’.
8. Your Powerline home network has now been secured. There is no need to repeat any of these steps on your other computers.

Hint: The ‘Network Name’ enables you to access your Powerline home network. Do not share this name with other people! If you wish, you can write down the ‘Network Name’ in the manual and keep the manual in a secure place.

3.3 Add a new unsecured Powerline to your already secured network

If you have a secured Powerline home network, and you wish to connect a new Powerline adapter which is not secured yet, you will need to set the so-called 'Network Name' on this new adapter to add this new powerline adapter to your already secured network.

The new Powerline is directly connected to a computer.

1. If you are using a new computer, you need to install the software first. Double click the 'PLC Utility' icon on your desktop to open the software.
2. Click the 'Main' tab.
3. Enter the secret network name in the 'Network Name' field.
4. Click 'Set Local Device'.
5. The 'PLC Utility' will indicate the network name has been set.
6. Click 'OK'.
7. You can now check whether a connection with the other adapters in the Powerline home network has been established:
   - Click the 'Main' tab.
   - All Powerline adapters in your home network should now be visible and will be connected.
8. Your new Powerline has now been added to your Powerline network, and is secured.

4.0 Reset the powerline adapter

To reset the powerline adapter to factory defaults, please follow these steps :

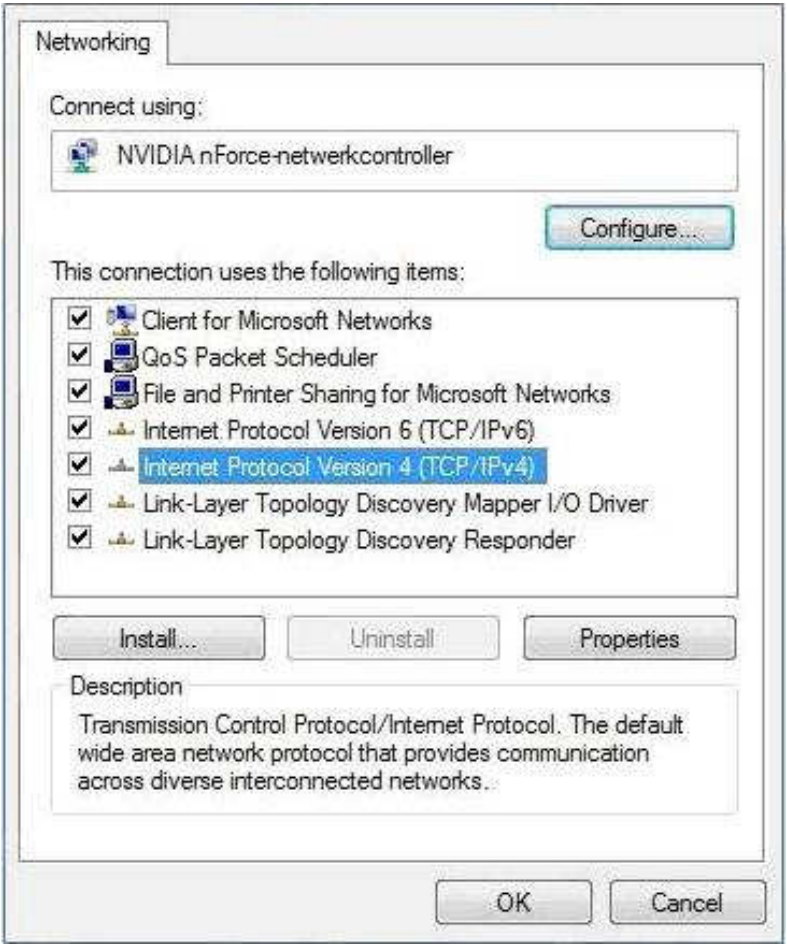
1. Press the 'NID/RST' button.
2. Keep the button pressed for 10 to 15 seconds.
3. Release the button.
4. All LED indicators with switch Off and the powerline adapter will reboot.

5.0 Change network name and password

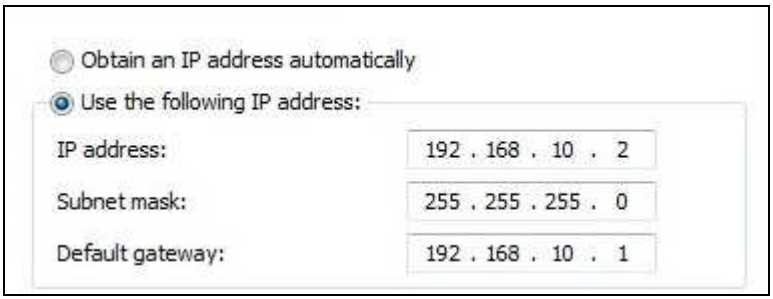
To change the WiFi network name(SSID) and the WiFi-key, connect your WiFi powerline adapter to a computer and follow the steps below :

1. Connect a network cable to the EM8036 and connect the other end to the network card of your computer.
2. Connect the EM8036 to a wall outlet.
3. Make sure your computer is completely started.
4. Go to the 'Control Panel' of your computer.

5. Windows XP users need to click ‘Network connections’. Windows Vista users need to click ‘Network and Sharing center’ and then click ‘Show network connections’. Windows 7 users need to click ‘Network and Sharing Center’ and then click ‘Change adapter settings’. Windows 8 users need to go to ‘Start’ (Apps) and then choose ‘All Apps’. Choose ‘Control Panel’ and click ‘Network and Sharing Center’. Click ‘Change adapter settings’.
6. Right-click your ‘LAN’ connection and click ‘Properties’.
7. Windows XP users: Double-click ‘Internet protocol TCP/IP’. Windows Vista, Windows 7 and Windows 8 users: Double-click ‘Internet protocol ‘TCP/IPv4’ as shown in the following image:

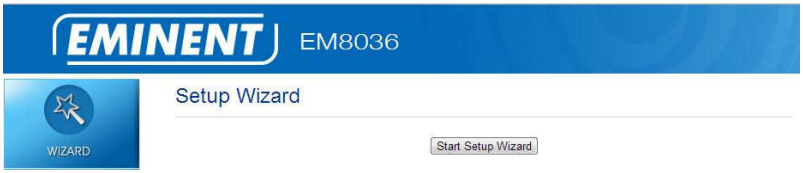


8. Since the EM8036 has its own IP-Address, you need to manually fill out the IP-settings. You can fill out the following IP-settings as shown in the following image:

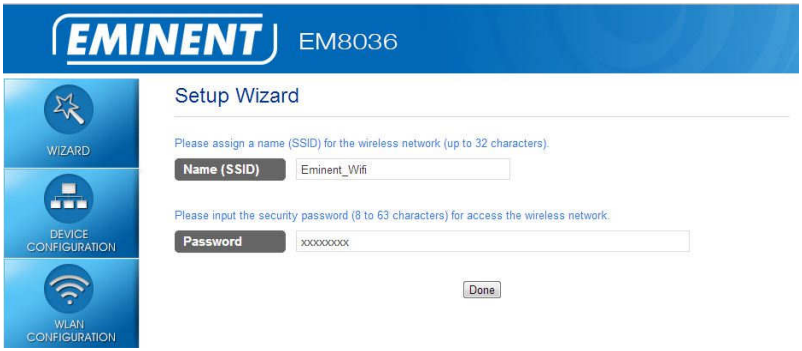

Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 10 . 2
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
192 . 168 . 10 . 1

9. After filling out the IP-Address settings, click ‘OK’ and close the screen.
10. Open your computer’s web browser and fill out ‘http://192.168.10.250’ in the address bar and press the ‘Enter’ key.
11. The following login screen will be showed.

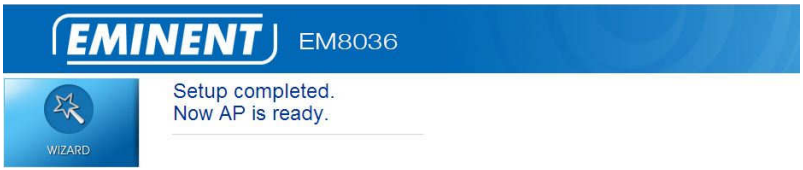
12. Fill out ‘admin’ as ‘username’. Fill out ‘12345’ as ‘password’ and press “login”. You will see the following screen



13. Press “Start Setup Wizard”



14. Fill out the new network name at “Name (SSID)”, and fill out the new password at “Password”
15. Press “Done”
16. The Wi-Fi powerline adapter will now reboot. New settings are active once the device has rebooted completely.



6.0 LED indicators

(Green)	On : Power on Off : Power off
(Green / Orange / Red)	Flash : Powerline data traffic Green : Powerline connection quality is good Orange : Powerline connection quality is fair Red : Powerline connection quality is bad Off : No Powerline connection with other Powerline adapter
(Green)	On : Ethernet link detected Off : No Ethernet link detected Flash : Ethernet traffic detected
(Green)	Off : Wi-Fi switched off Flash : Wi-Fi switched on

7.0 Frequently Asked Questions and other related information

The latest Frequently asked questions for your product can be found on the support page of your product. Eminent will update these pages frequently to assure you have the most recent information. Visit www.eminent-online.com for more information about your product.

8.0 Service and support

This users manual has been carefully written by Eminent's technical experts. If you have problems installing or using the product, please fill out the support form at the website www.eminent-online.com/support.

You can also contact us by phone. Below you will find a list with phone numbers for each supported country.

Country	Phone number	Rate per minute*
Belgium (Dutch)	070 277 286	€0.30
Belgium (French)	070 277 286	€0.30
Denmark	+45 69918565	Local Costs
Finland	+35 8942415826	Local Costs
Germany	+49 (0)30 887 89 298	Local Costs
Italy	+39 0240042016	Local Costs
Norway	+47 21075033	Local Costs
Spain	807 080 042	€0.41
Sweden	+46 840 309985	Local Costs
The Netherlands	0900-3646368	€0.45
UK	+44 (0)203 318 9998	Local Costs
Hungary	1-4088902 (From Budapest)	Local Costs
Hungary	06-1-4088902 (From the rest of Hungary)	Local Costs
Hungary	+36 1-4088902 (International)	Local Costs

* Rates mentioned in this table do not include cell phone charges.

9.0 Warning and points of attention

Due to laws, directives and regulations set out by the European parliament, some (wireless) devices could be subject to limitations concerning its use in certain European member states. In certain European member states the use of such devices could be prohibited. Contact your (local) government for more information about this limitations.

Always follow up the instructions in the manual*, especially where it concerns devices which need to be assembled.

Warning: In most cases this concerns an electronic device. Wrong/improper use may lead to (severe) injuries!

Repairing of the device should be done by qualified Eminent staff. The warranty immediately voids when products have undergone self repair and/or by misuse. For extended warranty conditions, please visit our website at www.eminent-online.com/warranty.

**Tip: Eminent manuals are written with great care. However, due to new technological developments it can happen that a printed manual does not longer contain the most recent information.*
If you are experiencing any problems with the printed manual or you cannot find what you are looking for, please always check our website www.eminent-online.com first for the newest updated manual.

Also, you will find frequently asked questions in the FAQ section. It is highly recommended to consult the FAQ section. Very often the answer to your questions will be found here.

10.0 Warranty conditions

The five-year Eminent warranty applies to all Eminent products, unless mentioned otherwise before or during the moment of purchase. After buying a second-hand Eminent product the remaining period of warranty is measured from the moment of purchase by the product's initial owner. Eminent warranty applies to all Eminent products and parts, indissolubly connected or mounted to the product it concerns. Power supply adapters, batteries, antennas and all other products not directly integrated in or connected to the main product or products of which, without reasonable doubt, can be assumed that wear and tear during use will show a different pattern than the main product, are not covered by the Eminent warranty. Products are not covered by the Eminent warranty when exposed to incorrect/improper use, external influences or when opening the service parts of the product by parties other than Eminent. Eminent may use refurbished materials for repair or replacement of your defective product. Eminent cannot be held responsible for changes in network settings by internet providers. We cannot guarantee that the Eminent networking product will keep working when settings are changed by the internet providers. Eminent cannot guarantee the working of web services, apps and other third party content that is available through Eminent products. Eminent products with an internal hard disk have a limited warranty period of two years on the hard disk. Eminent could not be held responsible for any data lost. Please make sure that if the product stores data on a hard drive or other memory source, you will make a copy before you return the product for repair.

When my product gets defective
Should you encounter a product rendered defective for reasons other than described above: Please contact your point of purchase for taking care of your defective product.

11.0 Declaration of Conformity

Application of Council Directives:

Manufacturer's Name:	Eminent
Type of Equipment:	Wifi Powerline Starter Kit
Equipment Class:	Commercial, Light Industrial, Consumer
PRODUCTNUMBER:	EM8037
Conforms to the following standards:	EN 55022:2006+A1:2007 CISPR/I/257/CD EN 61000-3-2:2006+A2:2009 EN 61000-3-3:2008 EN50412-2-1:2005 IEC 61000-4-2:2008 IEC 61000-4-3:2006+A1:2007 IEC 61000-4-4:2004 IEC 61000-4-5:2005 IEC 61000-4-6:2008 IEC 61000-4-8:2009 IEC 61000-4-11:2004 EN 60950-1:2006+A11:2009 +A1:2010+A12:2011 IEC 60950-1:2005+A1:2009

Manufactured from: 10-10, 2013

I, the undersigned, hereby declare that the equipment Conforms with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC) and to the above standards.

Place: Barneveld, The Netherlands
Date: 10-10, 2013
Name: Marc Pannebakker

Signature:

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